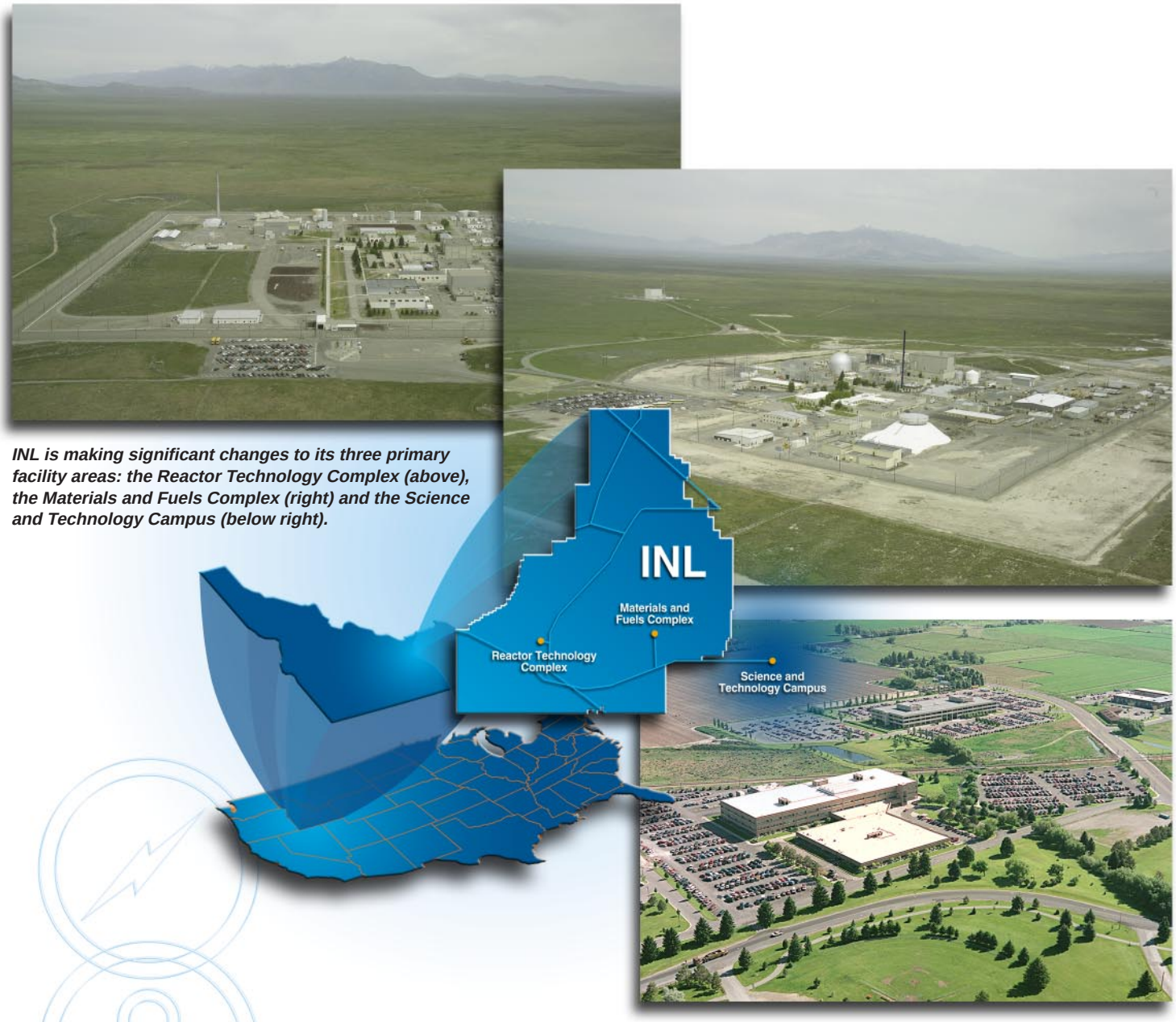

INL is making significant changes to its three primary facility areas: the Reactor Technology Complex (above), the Materials and Fuels Complex (right) and the Science and Technology Campus (below right).

INL Facilities

Setting the Stage for National Laboratory Pre-eminence

Idaho National Laboratory (INL) consists of an 890-square-mile area in southeastern Idaho typically referred to as the "INL Site," along with laboratories and administrative buildings located approximately 35 miles east in the city of Idaho Falls.

The three primary areas that constitute INL's key facilities reflect both the important missions being accomplished today and the laboratory's vision for the future. One area focuses on nuclear materials and processing, another on reactor technologies, and the third on science and technology.

Because Idaho National Laboratory is destined to become the internationally recognized leader in nuclear energy research, development and demonstration in the next 10 years, the lab anticipates making significant changes to modernize its facilities.

Continued on back

INL
Idaho National Laboratory

Continued from front

Materials and Fuels Complex

The Materials and Fuels Complex (formerly Argonne National Laboratory-West) located on the INL Site is a prime testing center for advanced technologies associated with nuclear power systems. This complex is the nexus of research and development for new reactor fuels and related materials. As such, it will contribute increasingly efficient reactor fuels and the important work of nonproliferation – harnessing more energy with less risk.

At the Materials and Fuels Complex, projected new construction will include a facility for preparing remote-handled waste for shipment to the Waste Isolation Pilot Plant in New Mexico. Depending on the feasibility of a key project, buildings will be constructed at this location to support manufacturing and assembling components for use in space applications.

The Materials and Fuels Complex is located 38 miles west of Idaho Falls on the high-desert sagebrush steppe of the Snake River Plain.

Reactor Technology Complex

Also located on the INL Site, the Reactor Technology Complex is dedicated to research supporting Department of Energy missions, including nuclear technology research. It will be the focal point for designing, testing and proving the new technologies of the nuclear renaissance. The new mission is broad, far-reaching and encompasses a large scope involving multiple technological options important to coming generations of nuclear power reactors.

Facilities planned at this complex include buildings to house laboratory activities, offices, warehousing and a cafeteria required to support the Advanced Test Reactor. A hot cell connected to the Advanced Test Reactor canal also will be included to support future materials and fuels development. Multicraft shop buildings will be constructed to enhance operational activities.

The Reactor Technology Complex is located in the southwestern region of the Idaho National Laboratory Site, 47 miles west of Idaho Falls.

Science and Technology Campus

The Science and Technology Campus is the collective name for INL's administrative, technical support and computer facilities in Idaho Falls, as well as the in-town laboratories where researchers work on a wide variety of advanced scientific research and development projects. The name of this cadre of facilities indicates both basic science research and the engineering that translates new knowledge into products and processes that improve our quality of life. This reflects the emphasis INL is placing on strengthening its science base and increasing the commercial success of its products and processes.

New laboratory facilities and a new building for the Center for Advanced Energy Studies (CAES) are envisioned within this campus environment. The CAES facility is designed to promote education and world-class research and development. Other facilities proposed over the next 10 years include a national security building, a visitor's center, visitor housing and a parking structure – all in close proximity to current campus buildings.

Facilities already in place and those planned for the future are integral for transforming INL into a renowned research laboratory. With forefront research facilities, support infrastructure and management systems essential to delivering world-class research while operating to the highest standards of safety, environmental protection and efficiency, Idaho National Laboratory will help restore public confidence in nuclear energy through operational excellence.

Idaho National Laboratory is operated for the U.S. Department of Energy by Battelle Energy Alliance. Also operating on the INL Site are research, environmental and cleanup projects at other facility areas. Those operations are managed by separate contractors.

Two other INL Site facility areas provide specialized manufacturing and support services. The **Specific Manufacturing Capability** is the facility complex responsible for the production of heavy armor that helps make U.S. Army Abrams Tanks the world's best armored vehicles. **Central Facilities Area**, located centrally on the INL Site, is the main service and support center for INL's desert facilities. Activities here support transportation, maintenance, construction, environmental and radiological monitoring, security, fire protection, warehouses and calibration activities.

FOR MORE INFORMATION

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INL is one of the U.S. Department of Energy's multiprogram national laboratories and is managed by Battelle Energy Alliance, LLC.

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